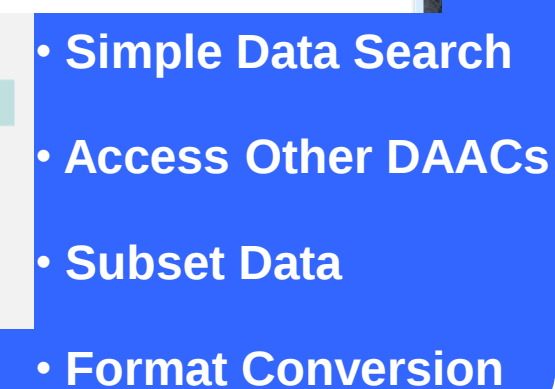




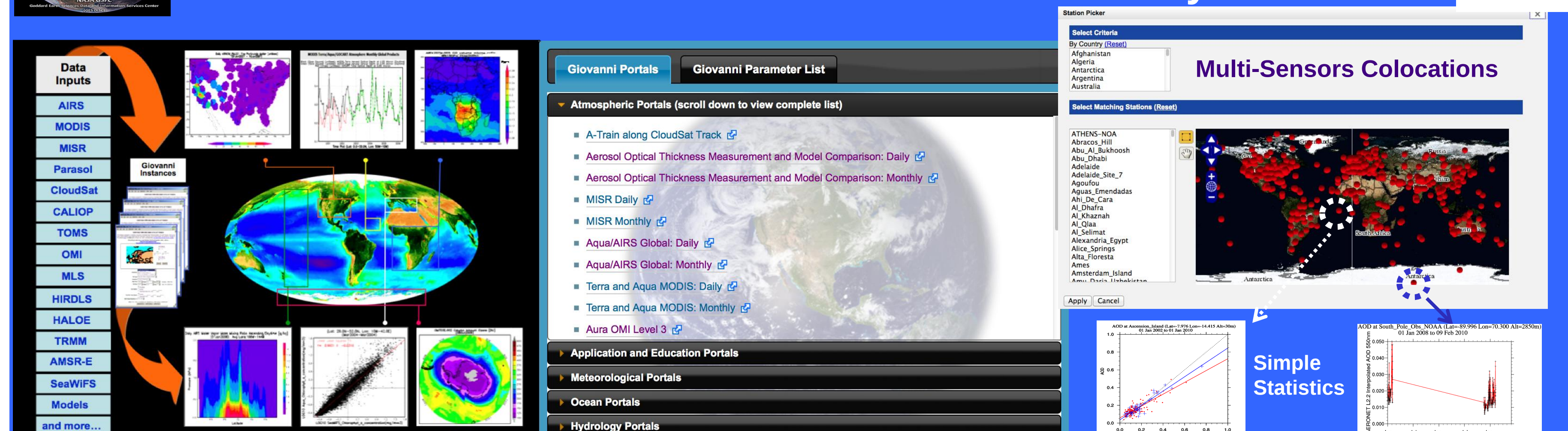
¹ADNET Systems, Inc.; ²Wyle Information Systems Information System; ³NASA GSFC Earth Sciences (GES) Data and Information Services Center (DISC)

User Community



GES DISC Services

GES DISC Interactive Online Visualization ANd aNalysis Interface

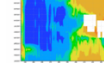
[illegible]

GES DISC Home	Data Services	Science Ports	Mission Ports
Analyze Data by Gateway	Search for Data with Mirador	Simple Subset Wizard	More...

You are here: [GES DISC Home](#) > [Services](#) > [Data via GDS](#)

DATA AVAILABLE VIA GDS

The **GIDS Data Server** ([GIDS](#), formerly known as [GRADS-DODOS Server](#)) is a stable, secure data server that provides subsetting and analysis services across the Internet. The core of the GDS is [CHIRPADP](#) ([also known as DODOS](#)), a software framework for data networking that makes local data accessible to remote locations.



TRMM Level-3 Data Products, TRMM Ancillary and Other Precipitation Products

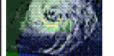
The Tropical Rainfall Measuring Mission (TRMM) is a joint space project with Japan. TRMM is designed to measure tropical precipitation and its variation from a low inclination orbit combining a suite of sensors to overcome many of the limitations of remote sensors previously used for such measurements from space. The TRMM GDS service provides several popular TRMM Level-3 products, their climatology products and other precipitation products.

North America Land Data Assimilation System Phase 2 (NLANDAS-2) Data Products

NLANDAS-2 products are a 30-year data set (1979 present) in near real-time of hourly "1B" surface meteorology and hydrologic data over the contiguous United States and parts of Canada and Mexico. NLANDAS combines observations from many different sources (rain gauges, radar, satellites, model analyses) to generate a surface forcing dataset, which is used to drive operational forecast land-surface models.

Global Land Data Assimilation System (GLDAS) Data Products

GLDAS is generating a series of land surface state and flux products simulated by four land surface models (GLIM, MoKov, Noah and VIC). Current products include a set of 1 degree resolution data products from the four models (1978 to present) and a 0.25 degree data product from the Noah model (2000 to present).

The GES DISC provides the following data through the WMS interface:	
	Atmospheric Infrared Sounder (AIRS) Near-Real-Time BT_diff_CO2 (an indicator of volcanic SO2), False-color RGB, Precipitation Estimate, CO, and SO2 amounts images are available for the near-real-time AIRS Calibrated Radiance data. WMS GetCapabilities...
	Atmospheric Infrared Sounder (AIRS) Data Products Visible, infrared and microwave sensors provide daily global atmospheric temperature moisture and trace gases throughout the atmosphere. AIRS WMS layers include surface temperature, total column ozone, CO and water vapor, cloud fraction, and other atmospheric dynamic parameters. WMS GetCapabilities...
	Tropical Rainfall Measurement Mission (TRMM) Gridded Rainfall Data The TRMM is the first mission dedicated to measuring tropical and subtropical rainfall through microwave and visible infrared sensors, and includes the first spaceborne rain radar. WMS GetCapabilities...
	Ozone Monitoring Instrument (OMI) Data Products The OMI employs hyperspectral imaging to observe solar backscatter radiation in the visible and ultraviolet. OMI WMS layers include total ozone and other atmospheric parameters related to ozone chemistry and climate. WMS GetCapabilities...

GES DISC Services